Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently amended) An electrochemical cell comprising:

an insulating substrate having a plurality of layers thereon ~~and a plurality of layers~~, said layers comprising:

at least two conducting layers, wherein one of said conducting layers is a working electrode, said working electrode in contact with at least one reagent, wherein said at least one reagent comprises an enzyme; [[,]]

and at least two insulating layers, wherein said insulating substrate or at least one of said at least two insulating layers is interposed between said at least two conducting layers, wherein each major surface of each conducting layer is in contact with a major surface of said insulting substrate or a major surface of at least one of said at least two insulating layers; [[,]] and

a passage extending from a first side of the electrochemical cell to a second side of the electrochemical cell opposite the first side, the passage being formed through each of said at least two conducting layers and each of said at least two insulating layers to expose edges of each of said at least two conducting layers and each of said at least two insulating layers, said edges collectively forming a wall or walls of said passage, said exposed edges of said at least two conducting layers forming said working electrode and a second electrode of said electrochemical cell, the passage capable of receiving a liquid sample.

2. (Previously presented) The electrochemical cell of claim 1, wherein said electrochemical cell comprises two conducting layers and two insulating layers.

3. (Original) The electrochemical cell of claim 2, further including a third conducting layer and a third insulating layer.

4. (Canceled)

5. (Previously presented) The electrochemical cell of claim 1, further including a second working electrode.

6. (Original) The electrochemical cell of claim 5, wherein said working electrodes are capable of determining the presence of, or the concentration of, the same analyte.

7. (Original) The electrochemical cell of claim 5, wherein said working electrodes are capable of determining the presence of, or the concentration of, different analytes.

8. (Previously presented) The electrochemical cell of claim 1, wherein one of said at least two conducting layers is a counter electrode.

9. (Previously presented) The electrochemical cell of claim 1, wherein one of said at least two conducting layers is a reference electrode.

10. (Previously presented) The electrochemical cell of claim 1, wherein one of said at least two conducting layers is a dual-purpose reference/counter electrode

11. (Canceled)

12. (Original) The electrochemical cell of claim 11, said at least one passage has a volume not exceeding 1 microliter.

13. (Original) The electrochemical cell of claim 11, wherein said passage has a regular shape.

14. (Original) The electrochemical cell of claim 11, wherein said passage has an irregular shape.

15-16. (Canceled)

17. (Previously presented) The electrochemical cell of claim 1, wherein said at least one reagent is integral with said working electrode.

18. (Original) The electrochemical cell of claim 1, wherein the thickness of each conducting layer does not exceed 100 micrometers.

19. (Original) The electrochemical cell of claim 1, wherein the thickness of each insulating layer does not exceed 100 micrometers.

20. (Previously presented) The electrochemical cell of claim 1, wherein said insulating substrate is interposed between two conducting layers.

21. (Previously presented) The electrochemical cell of claim 1, wherein said at least one insulating layer is interposed between two conducting layers.

22. (Previously presented) The electrochemical cell of claim 1, wherein a passage is formed through said insulating substrate.